



PTO/SB/08A (08-03)
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/613,963
Filing Date	July 3, 2003
First Named Inventor	Sartaj Kumar Sahni
Art Unit	2661 2609
Examiner Name	SAI MING CHAN
Attorney Docket Number	UF-318X

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number Number - Kind Code* (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/SC/	U1	US 4,251,861	02-17-1981	Mago	
/SC/	U2	US 4,833,468	05-23-1989	Larson <i>et al.</i>	
/SC/	U3	US 5,555,405	09-10-1996	Griesmer <i>et al.</i>	
/SC/	U4	US 5,701,467	12-23-1997	Freeston	
/SC/	U5	US 5,787,430	07-28-1998	Doeringer <i>et al.</i>	
/SC/	U6	US 5,909,440	06-01-1999	Ferguson <i>et al.</i>	
/SC/	U7	US 6,018,524	01-25-2000	Turner <i>et al.</i>	
/SC/	U8	US 6,021,131	02-01-2000	Even	
/SC/	U9	US 6,041,053	03-21-2000	Douceur <i>et al.</i>	
/SC/	U10	US 6,061,712	05-09-2000	Tzeng	
/SC/	U11	US 6,092,072	07-18-2000	Guha <i>et al.</i>	
/SC/	U12	US 6,157,955	12-05-2000	Narad <i>et al.</i>	
/SC/	U13	US 6,212,184	04-03-2001	Venkatachary <i>et al.</i>	
/SC/	U14	US 6,289,013	09-11-2001	Lakshman <i>et al.</i>	
/SC/	U15	US 6,335,932	01-01-2002	Kadambi <i>et al.</i>	
/SC/	U16	US 6,341,130	01-22-2002	Lakshman <i>et al.</i>	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ² - Number ³ - Kind Code ⁴ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
/SC/	F1					
/SC/	F2					

Examiner
Signature

/Sai Ming Chan/

Date
Considered

03/15/2007

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/613,963
				Filing Date	July 3, 2003
				First Named Inventor	Sartaj Kumar Sahni
				Group Art Unit	288T 2609
				Examiner Name	SAI MING CHAN
				Attorney Docket Number	UF-318X
Sheet	2	of	3		

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
/SC/	R1	DEGERMARK, MIKAEL, et al. (1997) "Small Forwarding Tables for Fast Routing Lookups" <i>ACM SIGCOMM Proceedings of the ACM SIGCOMM '97 conference on Applications, technologies, architectures, and protocols for computer communication</i> . pages 3-14.	
/SC/	R2	DOERINGER, W., G. KARJOTH, and M. NASSEHI (1996) "Routing on longest-matching prefixes" <i>IEEE/ACM Transactions on Networking</i> , 4(1): pages 86-87.	
/SC/	R3	ERGUN, FUNDA, et al. (2001) "A Dynamic Lookup Scheme for Bursty Access Patterns" <i>Proceedings of IEEE INFOCOM</i> pages 1-10.	
/SC/	R4	GUPTA, P. and N. MCKEOWN (2000) "Dynamic algorithms with worst-case performance for packet classification" <i>IFIP Networking</i> pages 528-539.	
/SC/	R5	LAMPSON, BUTLER, VENKATACHARY SRINIVASAN, and GEORGE VARGHESE (June 1999) "IP Lookups Using Multiway and Multicolumn Search" <i>IEEE/ACM Transactions on Networking Vol. 7, No. 3, pages 324-334</i>	
/SC/	R6	LU, H. and SAHNI, S. (2003) "O (log n) dynamic router-tables for prefixes and ranges" <i>IEEE Symposium on Computers and Communications</i> , pages 1-42	
/SC/	R7	NILSSON, STEFAN and GUNNAR KARLSSON (1998) "Fast address lookup for Internet routers" <i>Proceedings of IEEE Broadband Communications</i> (enclosed copy pages numbered 9-18).	
/SC/	R8	RUIZ-SANCHEZ, M., E. BIERACK, and W. DABBOUS (Mar/Apr 2001) "Survey and taxonomy of IP address lookup algorithms" <i>IEEE Network</i> , 15(2): pages 8-23.	
/SC/	R9	SAHNI, SARTAJ and KUN SUK KIM "Data Structures of IP Lookup with Bursty Access Patterns" www.cise.ufl.edu/~sahni (enclosed copy pages numbered 1-5)	
/SC/	R10	SAHNI, SARTAJ and KUN SUK KIM (2001) "Efficient Construction of Fixed-Stride Multibit Tries for IP Lookup" <i>Proceedings of 8th IEEE Workshop on Future Trends of Distributed Computing Systems</i> pages 178-184 (enclosed copy pages numbered 1-7).	

Examiner Signature	/Sai Ming Chan/	Date Considered	03/15/2007
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/SCI/	R11	SAHNI, SARTAJ and KUN SUK KIM (2002) "Efficient Construction of Variable-Stride Multibit Tries for IP Lookup" <i>Proceedings of IEEE Symposium on Applications and the Internet (SAINT)</i> pages 220-229 (enclosed copy pages numbered 1-8).		
/SCI/	R12	SAHNI, SARTAJ and KUN SUK KIM (July 2002) "O(log n) Dynamic Packet Routing" <i>7th IEEE Symposium on Computers and Communications</i> . Pages 1-29		
/SCI/	R13	SAHNI, SARTAJ, KUN SUK KIM, and HAIBIN LU (May 2002) "Data Structures for One-Dimensional Packet Classification Using Most-Specific-Rule Matching" <i>International Symposium on Parallel Architectures, Algorithms, and Networks (ISPAN)</i> pages 3-14 (enclosed copy pages numbered 1-12).		
/SCI/	R14	SKLOWER, KEITH (1991) "A Tree-Based Packet Routing Table for Berkeley Unix" <i>Proceedings of 1991 Winter USENIX Conference</i> pages 93-99 (enclosed copy pages numbered 1-4).		
/SCI/	R15	SRINIVASAN, V. and G. VARGHESE (Feb. 1999) "Faster IP Lookups Using Controlled Prefix Expansion" <i>ACM Transactions on Computer Systems</i> Vol.17, issue 1, pages 1-40 (enclosed copy pages numbered 1-21).		
/SCI/	R16	SURI, S., G. VARGHESE, and P. WARKHEDE (2001) "Multiway range trees: Scalable IP lookup with fast updates" <i>Proceedings of Globecom '01</i> .		
/SCI/	R17	WALDVOGEL, MARCEL et al. (1997) "Scalable High Speed IP Routing Lookups" <i>Proceedings of the ACM SIGCOMM '97 Conference on Applications, technologies, architectures, and protocols for computer communication</i> . pages 25-36 (enclosed copy pages numbered 1-12).		
/SCI/	R18			
/SCI/	R19			
/SCI/	R20			
/SCI/	R21			
/SCI/	R22			

Examiner Signature	/Sai Ming Chan/	Date Considered	03/15/2007
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		Filing Date	July 3, 2003		
		First Named Inventor	Sahni		
		Art Unit	260T 2609		
		Examiner Name	SAI MING CHAN		
Sheet	1	of	1	Attorney Docket Number	UF-318X

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		Number - Kind Code ² (if known)			
/SC/	U1	US-6,533,370 B1	04-22-03	Andreev et al.	All
/SC/	U2	US 6,675,157 B1	01-06-04	Mitchell	All
	U3				
	U4				
	U5				
	U6				
	U7				
	U8				

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